TKA	NSMITT <i>A</i>	Docket No. RLL-267US						
In Re Application Of: MEHTA et al.								
Application No. Filing Date Examiner Customer No. Group Art Unit Confirm								
10/	525,439		unknonwn	26815	unknown	3824		
	Title: FLUORO AND SULPHONYLAMINO CONTAINING 3,6-DISUBSTITUTED AZABICYCLO [3.1.0.] HEXANE DERIVATIVES AS MUSCARINIC RECEPTOR ANTAGONISTS							
			Address to: Commissioner for Paten P.O. Box 1450 Alexandria, VA 22313-14					
			37 CFR 1.97(b)					
1. 🗵	1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.							
 The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: 								
	☐ the statement specified in 37 CFR 1.97(e);							
OR								
	the fee set forth in 37 CFR 1.17(p).							

TR	ANSMITTA	Docket No. RLL-267US							
In Re Application of: MEHTA et al.									
Application No. Filing Date Examiner Customer No. Group Art Unit Confirmation									
10	10/525,439 unknonwn 26815 unknown 3824								
Title: FLUORO AND SULPHONYLAMINO CONTAINING 3,6-DISUBSTITUTED AZABICYCLO [3.1.0.] HEXANE DERIVATIVES AS MUSCARINIC RECEPTOR ANTAGONISTS									
	The Director as described Ch.	the amount of or is hereby authorized below. arge the amount of edit any overpayment	nplete if Applicant election is attacted in the charge and created in	ched.		CFR 1.17(p)) 50.0912			
Charge any additional fee required. Payment by credit card. Form PTO-2038 is attached. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Certificate of Transmission by Facsimile* I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa Signature Signature *This certificate may only be used if paying by deposit account. *This certificate may only be used if paying by deposit account. Dated: 1 August 2005 Signature *This certificate may only be used if paying by deposit account. Dated: 1 August 2005 Signature *This certificate may only be used if paying by deposit account. Dated: 1 August 2005 Signature *This certificate may only be used if paying by deposit account. Dated: 1 August 2005									
cc:									

4 . Is

INFORMATION DISCLOSURE CITATION

Ÿ

Docket No.: RLL-267US | Serial No.: 10/525,439

Applicants: MEHTA et al.

Filed: 2/23/2005 Group:

			U.S. P	ATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	3,176,019	3/30/1965	Campbell et al.	260	293.4	
	A2	5,281,601	1/25/1994	Cross et al.	514	320	
	A3	5,397,800	3/14/1995	Alker et al.	514	413	
_	A4	5,735,690	4/7/1998	Malentacca	433	102	
<u>-</u>	A5	5,948,792	9/7/1999	Tsuchiya et al.	514	317	
_	A6	6,130,232	10/10/2000	Mase et al.	514	318	
	A7	6,174,900	1/16/2001	Okada et al.	514	317	
			FOREIGN	PATENT DOCUMENTS	;		
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	B1	EP 0 325 571	7/26/1989	EPO	C07C	215/54	
	B2	EP 0 388 054	9/19/1990	EPO	C07D	207/08	
	В3	EP 0 413 455	2/20/1991	EPO	C07D	401/04	
	B4	EP 0 801 067	10/15/1997	EPO	C07D	453/02	
	B5	GB 940,540	10/30/1963	UK	C07C		
	B6	JP 135989/1994	5/17/1995	Japan	C07D	333/16	
	В7	JP 92921/1994	4/5/1994	Japan	C07C	237/20	
	B8	WO 91/09013	6/27/1991	PCT	C07D	207/08	
	В9	WO 93/16018	8/19/1993	PCT	C05F	17/02	
	B10	WO 93/16048	8/19/1993	PCT	C07D	211/26	
	B11	WO 95/15312	6/8/1995	PCT	C07D	209/52	
	B12	WO 95/15327	6/8/1995	PCT	C07D	487/04	
	B13	WO 96/33973	10/31/1996	PCT	C07D	211/46	
	B14	WO 97/36906	10/9/1997	PCT	C07D	487/08	

EXAMINER DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

Docket No.: RLL-267US | Serial No.: 10/525,439

Applicants: MEHTA et al.

Filed: 2/23/2005 Group:

B15	WO 97/45414	12/4/1997	PCT	C07D	211/58		
B16	WO 98/05641	2/12/1998	PCT	C07D	211/46		
B17	WO 98/29402	7/9/1998	PCT	C07D	311/20		
	OTHER DOCUME	NTS (Includ	ding Author, Title, Date, Po	ertinent Pa	ages, Etc.)		
C1	Kubo et al., "Cloning, sequencing and expression of complementary DNA encoding the muscarinic acetylcholine receptor", <i>Nature</i> , 323(2):411-416 (1986)						
C2	Bonner et al., "Identification of a Family of Muscarinic Acetylcholine Receptor Genes", Science, 237:527-531 (1987)						
C3	Eglen et al., "Muscarinic receptor ligands and their therapeutic potential", Current Opinion in Chemical Biology, 3:426-432 (1999)						
C4	Eglen et al., "Therapeutic opportunities from muscarinic receptor research", <i>Trends in Pharmacological Sciences</i> , 22(8):409-414 (2001)						
C5	Felder et al., "Therapeutic Opportunities for Muscarinic Receptors in the Central Nervous System", <i>Journal of Medicinal Chemistry</i> , 43(23):4333-4353 (2000)						
C6	Broadley and Kelly, "Muscarinic Receptor Agonists and Antagonists", <i>Molecules</i> , <u>6</u> :142-193 (2001)						
C7	Birdsall et al., "Muscarinic receptors: it's a knockout", <i>Trends in Pharmacological Sciences</i> , 22(5):215-219 (2001) de Groat and Yoshimura, "Pharmacology of the Lower Urinary Tract", <i>Annual Review of Pharmacology and Toxicology</i> , 41:691-721 (2001)						
C8						al Review of	
C9	Steers, "The future direction of neuro-urology drug research", Current Opinion in CPNS Investigational Drugs, 2(3):268-282				on in CPNS		
C10	Chapple, "Muscarinic receptor antagonists in the treatment of overactive bladder", <i>Urology</i> , <u>55(Suppl. 5A):33-46 (2000)</u>					dder",	
C11	Steers, Barrot, Wein, "Voiding dysfunction: diagnosis classification and management", In: <i>Adult and Pediatric Urology,</i> ed. Gillenwater, Grayhack, Howards, Duckett. Mosby, St. Louis, MO; 1220-1325, 3rd edition (1996)						
C12	Sagara et al, "Cyclohexylmethylpiperidinyltriphenylpropioamide: A Selective Muscarinic M ₃ Antagonist Discriminating against the Other Receptor Subtypes", <i>Journal of Medicinal Chemistry</i> , 45(4):984-987 (2002)						
C13	Mase et al., "Syn Michael Reaction	thesis of a N , Selective [Muscarinic Receptor Antag Deoxyfluorination and Aro Chemistry, 66(20):6775-	matic Meta	al-Halogen I	selective Exchange	
C14	Milesus et al. IIDianas af a NA						

EXAMINER DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

Docket No.: RLL-267US Serial No.: 10/525,439

Applicants: MEHTA et al.

Filed: 2/23/2005 Group:

C15	Grover et al., "Chiral Mandelic Acid Template Provides a Highly Practical Solution for (S)-Oxybutynin Synthesis", <i>Journal of Organic Chemistry</i> , 65:6283-6287 (2000)
C16	Mariya at al. WAffinity Drofiles of Various Muses visits Andersonists for Olympid Liver
C17	Cheng and Prusoff, "Relationship between the inhibition constant (<i>K1</i>) and the concentration of inhibitor which causes 50 per cent inhibition (<i>I50</i>) of an enzymatic reaction", <i>Biochemical Pharmacology</i> , <u>22</u> :3099-3108 (1973)
C18	Jeppesen et al., "1-(1,2,5-Thiadiazol-4-yl)-4-azatricyclo[2.2.1.0 ^{2,6}]heptanes as New Potent Muscarinic M₁ Agonists: Structure-Activity Relationship for 3-Aryl-2-propyn-1-yloxy and 3-Aryl-2-propyn-1-ylthio Derivatives", <i>Journal of Medicinal Chemistry</i> , 42(11):1999-2006 (1999)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.